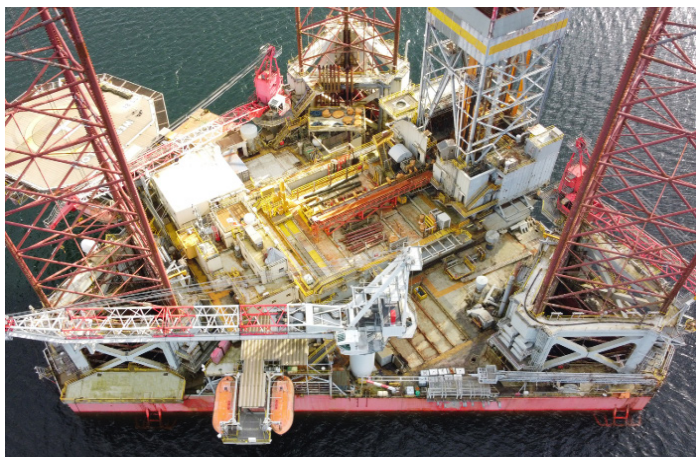




WELL-SAFE PROTECTOR SPECIFICATIONS

Dedicated jack-up for well decommissioning and carbon capture and storage (CCS)

General Description		Well Abandonment Equipment	
Name	Well-Safe Protector	Derrick	EMSCO BBS-160 160 ft tall with 40 ft x 40 ft base 2,000,000 lbs static hook load capacity
Type	Heavy duty, harsh environment jack-up	Draw works	EMSCO C3-Type II, 3,000 HP rated input power
Design	MSC CJ62 S120 independent leg cantilever	Rotary table	EMSCO T4950-65 - 49-1/2" maximum opening 726 MT max load
Year manufactured	1993	Top drive	Varco TDS-6S, 650 MT hoisting capacity Maximum continuous torque 56,700 ft-lbs
Dimensions	257 ft long x 296 ft wide x 35 ft hull depth	Tubular handling	VARCO PHM-3I vertical pipe handler with integrated iron roughneck VARCO PLS-1 horizontal pipe handler with FP-AS catwalk machine
Legs	3 x 574 ft triangular lattice	Mud pumps	3 x EMSCO FC2200 2,200 HP each
Leg spacing	203 ft transverse / 176 ft longitudinal	Cement unit	Schlumberger CPS-665 LC Zone II cement unit, radiator-cooled
Cantilever skid out	60 ft aft of transom / 15 ft traverse port & stbd	Wireline	Dedicated wireline deck with internet connection providing real-time log viewing capability
Air gap	131 ft max		
Variable loading	3,800 MT Drilling		
Water depth	394 ft max		
Drilling depth	25,590 ft max		
Flag and Class	Panama, DNV		
Helideck	Rated for Sikorsky S-61N & S-92		



CONFIGURABLE TO YOUR EXACT NEEDS

Well Control/Subsea Equipment	
Diverter	VetcoGray KFDJ 47" 500 psi
BOP - HP	18 3/4" 15,000 psi double ram assembly comprising: 1 x Hydril 18 3/4" extended double, 15,000 psi 1 x Hydril 18 3/4" double, 15,000 psi 1 x Hydril GX 18 3/4" annular, 10,000 psi 13 5/8" 10,000 psi BOP Stack System: 1 x Cameron 13 5/8" double, 10,000 psi 1 x Cameron 13 5/8" single, 10,000 psi 1 x AXON52 13 5/8" annular, 5,000 psi
BOP - LP	Cameron type U 21-1/4" 3 rams, 5,000 psi Cameron annular 21-1/4", 3,000 psi
Accumulator	MH-Koomey Inc. TX-600-00, 3000 psi MWP
C&K Manifold	WOM 15,000 psi
BOP Handling:	4 x Neuhaus 66.12 st hoist
Conductor Tensioning:	PH Hydraulics 4 x lift points Total tension 264.5 st
Subsea Capability	Deployable Texas deck, space for work class ROV, IWOCS/reel storage deck

Power Management	
Main Engines	6 x Caterpillar 3516 1,495 HP diesel engines
Main Generators	6 x Leroy Somer 1,495 HP generators
Emergency Power	1 x Caterpillar 1,500 HP diesel engine (Separate from six main engines)

Fluid Handling	
Mud Mixing	Procon automatic mud additive system
Gas Removal	Smedvig IPR mud-gas separator, 20ft liquid seal height Swaco 12" vacuum degasser
Shale Shakers	4 x Thule Rigtech VSM 300
Sand Traps	7 pods, 500 bbl combined capacity

Fluid Capacity	
No. of Pits	13 pits (8 pits + 4 pre-sheared pits + 1 slug pit)
Brine	1,780 bbls
Sack Storage	5,000 sacks
Portable Water	1,900 bbls
Drill Water	14,000 bbls
Barite/Bentonite	5 silos, 5650 cubic feet
Bulk Cement	3 silos, 9182 cubic feet
Fuel Oil	4,290 bbls
Mud Capacity	5,296 bbls

Cranes	
Port Mid	- Liebherr 157 ft boom - 75MT SWL @ 34m
Port Aft	- Liebherr 121 ft boom - 15MT SWL @ 9.7m
Starboard Mid	- Liebherr 140 ft boom - 50MT SWL @ 8.5m

Platform Interface	
Provision of power, PA/GA, fire and gas detection, ESD and navigation lights. Tie-in points located on port and starboard legs	
Access door and stair tower in aft of hull	

Accommodation	
120 persons	
Client and service offices with conference facilities	
Gym, weight room and sauna facilities	

Mooring & Anchors	
Anchor Winches	4 x Skagit JUW100 48.5 st rated pull
Anchor Lines	4 x 2.13" diameter 2,133 ft useful length
Anchors	4 x Flipper Delta 8.8 st